

## CLAIMS

1. A medical electrode for preventing the passage of harmful current to a patient, the electrode comprising:  
a distal end for connecting to a medical device;  
a proximal end for connecting to a patient;  
a conductive lead connected between the distal and proximal ends; and  
a current stoppage means connected to the electrode at a location for preventing the passage of harmful current to the proximal end.
2. The medical electrode of claim 1, wherein the current stoppage means is connected in-line upon the conductive lead of the electrode.
3. The medical electrode of claim 1, wherein the current stoppage means is coupled to the electrode at a location for stopping the passage to the proximal end of both harmful power source electric current and harmful inductive current.
4. The medical electrode of claim 3, wherein the current stoppage means is coupled aft of the conductive lead.
5. The medical electrode of claim 4, wherein the current stoppage means is coupled to the proximal end of the electrode.
6. The medical electrode of claim 1, wherein the current stoppage means is a fuse.
7. The medical electrode of claim 6, wherein the fuse is an indicator fuse.
8. The medical electrode of claim 1, wherein the current stoppage means is a circuit breaker.

9. The medical electrode of claim 1, wherein the current stoppage means is a diode.
10. The medical electrode of claim 3, wherein the current stoppage means is a fuse.
11. The medical electrode of claim 10, wherein the fuse is an indicator fuse.
12. The medical electrode of claim 3, wherein the current stoppage means is a circuit breaker.
13. The medical electrode of claim 3, wherein the current stoppage means is a diode.
14. The medical electrode of claim 1, wherein the proximal end further comprises a needle.
15. The medical electrode of claim 1, wherein the proximal end further comprises a plate.
16. The medical electrode of claim 1, wherein the proximal end further comprises a strap.
17. The medical electrode of claim 1, wherein the proximal end further comprises a clip.
18. The medical electrode of claim 1, wherein the proximal end further comprises an earplug.
19. The medical electrode of claim 1, wherein the proximal end further comprises a contact lens.
20. The medical electrode of claim 1, wherein the proximal end further comprises a separable structure having a first member and a second member, the second member being separable from the first member.
21. The medical electrode of claim 20, wherein the first member is positioned atop the second member, the second member having a surface for directly contacting a patient, the

current stoppage means being connected to the second member so that when the first and second members are separated, the current stoppage means remains with the second member.

22. The medical electrode of claim 21, further comprising a snap for separably connecting the first and second members together, a first portion of the snap connected to the first member and a second portion of the snap connected to the second member, the second portion of the snap including said current stoppage means.
23. The medical electrode of claim 22, wherein the first portion of the snap is a female portion and the second portion of the snap is a male portion, the male and female portions being separably connectible, the male portion including a fuse.
24. A medical electrode for preventing the passage of harmful current to a patient, the electrode comprising:
  - a distal end for connecting to a medical device;
  - a proximal end for connecting to a patient;
  - a conductive lead connected between the distal and proximal ends; and
  - a current stoppage means connected to the electrode at a location for stopping the passage to the proximal end of both harmful power source electric current and harmful inductive current.
25. The medical electrode of claim 24, wherein the current stoppage means is coupled to the electrode at a location aft of the conductive lead.
26. The medical electrode of claim 24, wherein the current stoppage means is an approximately 1/16A indicator fuse.
27. The medical electrode of claim 24, wherein the current stoppage means is an

